~~~~~~

Sample ID: 37 Sequence No.: 00037 Sampler Position: 37

Peak Area (A-s): 0.096 Peak Height (A): 0.138
Background Pk Area (A-s): 0.057 Background Pk Height (A): 0.057
Blank Corrected Pk Area (A-s): 0.091
Concentration (ug/L): 21.0

Peak Area (A-s): 0.103 Peak Height (A): 0.141
Background Pk Area (A-s): 0.066 Background Pk Height (A): 0.056
Blank Corrected Pk Area (A-s): 0.098
Concentration (ug/L): 22.6 22 277

Mean Conc (ug/L): 21.8 SD: 1.13 RSD(%): 5.2

~~~~~~

Sample ID: 38 Sequence No.: 00038 Sampler Position: 38

Peak Area (A-s): 0.173 Peak Height (A): 0.255
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.063
Blank Corrected Pk Area (A-s): 0.169
Concentration (ug/L): 38.8

Peak Area (A-s): 0.187 Peak Height (A): 0.238
Background Pk Area (A-s): 0.072 Background Pk Height (A): 0.066
Blank Corrected Pk Area (A-s): 0.182
Concentration (ug/L): 41.9 93% 277+20

Mean Conc (ug/L): 40.4 SD: 2.18 RSD(%): 5.4

~~~~~~

Sample ID: 39 Sequence No.: 00039 Sampler Position: 39

Peak Area (A-s): 0.001 Peak Height (A): 0.009
Background Pk Area (A-s): 0.027 Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): -0.004
Concentration (ug/L): -0.8

Peak Area (A-s): -0.001 Peak Height (A): 0.013
Background Pk Area (A-s): 0.033 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): -0.005
Concentration (ug/L): -1.2 <4 Cont. Cal. Blk. (0)

Mean Conc (ug/L): -1.0 SD: 0.29 RSD(%): 28.1

~~~~~~

Sample ID: 40 Sequence No.: 00040 Sampler Position: 40

Peak Area (A-s): 0.147 Peak Height (A): 0.200
Background Pk Area (A-s): 0.037 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.143
Concentration (ug/L): 32.8

Peak Area (A-s): 0.147 Peak Height (A): 0.198
Background Pk Area (A-s): 0.038 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): 0.142
Concentration (ug/L): 32.7

33 Cont. Cal. Std (35)

Mean Conc (ug/L): 32.8 SD: 0.10 RSD(%): 0.3

(As) SR16122 10-3-87

Element File: AS_CLP
Element: As
Date: 11/03/87
Time: 11:42
Data Storage File: As_data
ID/Weight File:
Technique: HGA
Calibration Type: Linear

~~~~~~

Sample ID: Blank Sequence No.: 00001 Sampler Position: 1

Peak Area (A-s): -0.003
Peak Height (A): 0.015
Background Pk Area (A-s): 0.047
Background Pk Height (A): 0.114
Blank Corrected Pk Area (A-s): -0.003

Peak Area (A-s): 0.004
Peak Height (A): 0.016
Background Pk Area (A-s): 0.014
Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): 0.004

Mean Pk Area (A-s): 0.000 SD: 0.0047 RSD(%): 345.2

Auto-zero performed.

~~~~~~

Sample ID: Standard 1 Sequence No.: 00002 Sampler Position: 2

Peak Area (A-s): 0.098
Peak Height (A): 0.116
Background Pk Area (A-s): 0.019
Background Pk Height (A): 0.019
Blank Corrected Pk Area (A-s): 0.098

Peak Area (A-s): 0.091 Peak Height (A): 0.104
Background Pk Area (A-s): 0.020 Background Pk Height (A): 0.021
Blank Corrected Pk Area (A-s): 0.091

Mean Pk Area (A-s): 0.094 SD: 0.0053 RSD(%): 5.6

Standard number 1 applied. [20.0]

~~~~~~

Sample ID: Standard 2 Sequence No.: 00003 Sampler Position: 3

Peak Area (A-s): 0.154 Peak Height (A): 0.188
Background Pk Area (A-s): 0.027 Background Pk Height (A): 0.021
Blank Corrected Pk Area (A-s): 0.153
Concentration (ug/L): 32.5

Peak Area (A-s): 0.160 Peak Height (A): 0.194
Background Pk Area (A-s): 0.028 Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): 0.160
Concentration (ug/L): 33.8

Mean Conc (ug/L): 33.2 SD: 0.94 RSD(%): 2.8

Standard number 2 applied. [35.0]

~~~~~~

Sample ID: Standard 3 Sequence No.: 00004 Sampler Position: 4

Peak Area (A-s): 0.223 Peak Height (A): 0.270
Background Pk Area (A-s): 0.033 Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.223
Concentration (ug/L): 49.2

Peak Area (A-s): 0.244 Peak Height (A): 0.280
Background Pk Area (A-s): 0.022 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.243
Concentration (ug/L): 53.7

Mean Conc (ug/L): 51.5 SD: 3.17 RSD(%): 6.2

Standard number 3 applied. [50.0]

~~~~~~

Sample ID: 5 Sequence No.: 00005 Sampler Position: 5

Peak Area (A-s): -0.005 Peak Height (A): 0.014
Background Pk Area (A-s): 0.019 Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): -0.005
Concentration (ug/L): -1.2

Peak Area (A-s): 0.005 Peak Height (A): 0.017
Background Pk Area (A-s): 0.014 Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): 0.004
Concentration (ug/L): 0.9 <2 Cont. Cal. Blk. (0)

Mean Conc (ug/L): -0.1 SD: 1.46 RSD(%): 206.1

~~~~~~

Sample ID: 6 Sequence No.: 00006 Sampler Position: 6

Peak Area (A-s): 0.184 | Peak Height (A): 0.227
Background Pk Area (A-s): 0.027 | Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.183
Concentration (ug/L): 39.8

Peak Area (A-s): 0.189 | Peak Height (A): 0.221
Background Pk Area (A-s): 0.023 | Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): 0.188
Concentration (ug/L): 40.8

40 ICV-2 (41)

Mean Conc (ug/L): 40.3 SD: 0.74 RSD(%): 1.8

~~~~~~

Sample ID: 7 Sequence No.: 00007 Sampler Position: 7

Peak Area (A-s): 0.085 | Peak Height (A): 0.089
Background Pk Area (A-s): 0.044 | Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.085
Concentration (ug/L): 18.4

36

Peak Area (A-s): 0.082 | Peak Height (A): 0.100
Background Pk Area (A-s): 0.052 | Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.081
Concentration (ug/L): 17.6

18 270 1/2

Mean Conc (ug/L): 18.0 SD: 0.56 RSD(%): 3.1

~~~~~~

Sample ID: 8 Sequence No.: 00008 Sampler Position: 8

Peak Area (A-s): 0.174 | Peak Height (A): 0.203
Background Pk Area (A-s): 0.054 | Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): 0.173
Concentration (ug/L): 37.6

Peak Area (A-s): 0.174 | Peak Height (A): 0.209
Background Pk Area (A-s): 0.052 | Background Pk Height (A): 0.052
Blank Corrected Pk Area (A-s): 0.174
Concentration (ug/L): 37.6

98% 270+20

Mean Conc (ug/L): 37.6 SD: 0.01 RSD(%): 0.0

~~~~~~

Sample ID: 9 Sequence No.: 00009 Sampler Position: 9

Peak Area (A-s): 0.101 | Peak Height (A): 0.126
Background Pk Area (A-s): 0.056 | Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): 0.100
Concentration (ug/L): 21.7

46

Peak Area (A-s): 0.110 | Peak Height (A): 0.125
Background Pk Area (A-s): 0.055 | Background Pk Height (A): 0.054
Blank Corrected Pk Area (A-s): 0.110
Concentration (ug/L): 23.9

23 272 1/2

Mean Conc (ug/L): 22.8 SD: 1.50 RSD(%): 6.6

~~~~~~

Sample ID: 10 Sequence No.: 00010 Sampler Position: 10

Peak Area (A-s): 0.195 Peak Height (A): 0.225
Background Pk Area (A-s): 0.066 Background Pk Height (A): 0.058
Blank Corrected Pk Area (A-s): 0.194
Concentration (ug/L): 42.1

Peak Area (A-s): 0.194 Peak Height (A): 0.224
Background Pk Area (A-s): 0.065 Background Pk Height (A): 0.067
Blank Corrected Pk Area (A-s): 0.193
Concentration (ug/L): 41.9 96% ~~276~~ 272+20

Mean Conc (ug/L): 42.0 SD: 0.11 RSD(%): 0.3

~~~~~~

Sample ID: 11 Sequence No.: 00011 Sampler Position: 11

Peak Area (A-s): 0.117 Peak Height (A): 0.142
Background Pk Area (A-s): 0.066 Background Pk Height (A): 0.063
Blank Corrected Pk Area (A-s): 0.117
Concentration (ug/L): 25.3 50

Peak Area (A-s): 0.117 Peak Height (A): 0.127
Background Pk Area (A-s): 0.066 Background Pk Height (A): 0.059
Blank Corrected Pk Area (A-s): 0.116
Concentration (ug/L): 25.2 25 276 1/2

Mean Conc (ug/L): 25.3 SD: 0.10 RSD(%): 0.4

~~~~~~

Sample ID: 12 Sequence No.: 00012 Sampler Position: 12

Peak Area (A-s): 0.200 Peak Height (A): 0.228
Background Pk Area (A-s): 0.075 Background Pk Height (A): 0.065
Blank Corrected Pk Area (A-s): 0.199
Concentration (ug/L): 43.2

Peak Area (A-s): 0.201 Peak Height (A): 0.221
Background Pk Area (A-s): 0.072 Background Pk Height (A): 0.067
Blank Corrected Pk Area (A-s): 0.200
Concentration (ug/L): 43.4 90% 276+20

Mean Conc (ug/L): 43.3 SD: 0.17 RSD(%): 0.4

~~~~~~

Sample ID: 13 Sequence No.: 00013 Sampler Position: 13

Peak Area (A-s): 0.134 Peak Height (A): 0.146
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.057
Blank Corrected Pk Area (A-s): 0.134
Concentration (ug/L): 29.0 58

Peak Area (A-s): 0.137 Peak Height (A): 0.147
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.061
Blank Corrected Pk Area (A-s): 0.137
Concentration (ug/L): 29.7 278A 1/2

Mean Conc (ug/L): 29.3 SD: 0.51 RSD(%): 1.7
~~~~~~

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Sample ID: 14 Sequence No.: 00014 Sampler Position: 14

Peak Area (A-s): 0.219 Peak Height (A): 0.242
Background Pk Area (A-s): 0.069 Background Pk Height (A): 0.066
Blank Corrected Pk Area (A-s): 0.219
Concentration (ug/L): 47.4

Peak Area (A-s): 0.225 Peak Height (A): 0.249
Background Pk Area (A-s): 0.068 Background Pk Height (A): 0.065
Blank Corrected Pk Area (A-s): 0.225
Concentration (ug/L): 48.8 94% 278A+20

Mean Conc (ug/L): 48.1 SD: 0.96 RSD(%): 2.0

~~~~~~

Sample ID: 15 Sequence No.: 00015 Sampler Position: 15

Peak Area (A-s): 0.130 Peak Height (A): 0.159
Background Pk Area (A-s): 0.064 Background Pk Height (A): 0.056
Blank Corrected Pk Area (A-s): 0.130
Concentration (ug/L): 28.1 56

Peak Area (A-s): 0.131 Peak Height (A): 0.166
Background Pk Area (A-s): 0.061 Background Pk Height (A): 0.051
Blank Corrected Pk Area (A-s): 0.131
Concentration (ug/L): 28.3 278B 1/2

Mean Conc (ug/L): 28.2 SD: 0.12 RSD(%): 0.4

~~~~~~

Sample ID: 16 Sequence No.: 00016 Sampler Position: 16

Peak Area (A-s): 0.213 Peak Height (A): 0.244
Background Pk Area (A-s): 0.072 Background Pk Height (A): 0.062
Blank Corrected Pk Area (A-s): 0.213
Concentration (ug/L): 46.2

Peak Area (A-s): 0.218 Peak Height (A): 0.249
Background Pk Area (A-s): 0.072 Background Pk Height (A): 0.064
Blank Corrected Pk Area (A-s): 0.217
Concentration (ug/L): 47.2 93% 278B+20

Mean Conc (ug/L): 46.7 SD: 0.66 RSD(%): 1.4

~~~~~~

Sample ID: 17 Sequence No.: 00017 Sampler Position: 17

Peak Area (A-s): 0.003 Peak Height (A): 0.014
Background Pk Area (A-s): 0.022 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.003
Concentration (ug/L): 0.6

Peak Area (A-s): -0.001 Peak Height (A): 0.016
Background Pk Area (A-s): 0.026 Background Pk Height (A): 0.020
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.4

Cont. Cal. Blk. (0)

Mean Conc (ug/L): 0.1 <2 SD: 0.66 RSD(%): 722.3

~~~~~~

Sample ID: 18 Sequence No.: 00018 Sampler Position: 18

Peak Area (A-s): 0.160 Peak Height (A): 0.191
Background Pk Area (A-s): 0.026 Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): 0.160
Concentration (ug/L): 34.7

Peak Area (A-s): 0.144 Peak Height (A): 0.184
Background Pk Area (A-s): 0.023 Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): 0.144
Concentration (ug/L): 31.1

Cont. Cal. Std. (35)

Mean Conc (ug/L): 32.9 33 SD: 2.51 RSD(%): 7.6

~~~~~~

Sample ID: 19 Sequence No.: 00019 Sampler Position: 19

Peak Area (A-s): 0.181 Peak Height (A): 0.207
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.061
Blank Corrected Pk Area (A-s): 0.181
Concentration (ug/L): 39.2

Peak Area (A-s): 0.198 Peak Height (A): 0.208
Background Pk Area (A-s): 0.070 Background Pk Height (A): 0.062
Blank Corrected Pk Area (A-s): 0.197
Concentration (ug/L): 42.8

SF recalibrate

Mean Conc (ug/L): 41.0 SD: 2.52 RSD(%): 6.2

~~~~~~

Sample ID: 20 Sequence No.: 00020 Sampler Position: 20

Peak Area (A-s): 0.197 Peak Height (A): 0.210
Background Pk Area (A-s): 0.076 Background Pk Height (A): 0.066
Blank Corrected Pk Area (A-s): 0.197
Concentration (ug/L): 42.7

SF

Peak Area (A-s): 0.193 Peak Height (A): 0.221
Background Pk Area (A-s): 0.071 Background Pk Height (A): 0.067
Blank Corrected Pk Area (A-s): 0.193
Concentration (ug/L): 41.8

Mean Conc (ug/L): 42.2 SD: 0.62 RSD(%): 1.5

~~~~~~

Sample ID: 21 Sequence No.: 00021 Sampler Position: 21

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.328 Peak Height (A): 0.378
Background Pk Area (A-s): 0.124 Background Pk Height (A): 0.111
Blank Corrected Pk Area (A-s): 0.327
Concentration (ug/L): 71.0

SF

The sample absorbance is greater than that of the highest standard.
Peak Area (A-s): 0.354 Peak Height (A): 0.373
Background Pk Area (A-s): 0.129 Background Pk Height (A): 0.121

(As) SR16122 11-03-87

Element File: AS_CLP
Element: As
Date: 11/03/87
Time: 14:27
Data Storage File: As_data
ID/Weight File:
Technique: HGA
Calibration Type: Linear

~~~~~~

Sample ID: Blank Sequence No.: 00001 Sampler Position: 1

Peak Area (A-s): 0.008
Peak Height (A): 0.014
Background Pk Area (A-s): 0.015
Background Pk Height (A): 0.021
Blank Corrected Pk Area (A-s): 0.008

Peak Area (A-s): -0.001
Peak Height (A): 0.012
Background Pk Area (A-s): 0.020
Background Pk Height (A): 0.018
Blank Corrected Pk Area (A-s): -0.001

Mean Pk Area (A-s): 0.004 SD: 0.0062 RSD(%): 172.6

Auto-zero performed.

~~~~~~

Sample ID: Standard 1 Sequence No.: 00002 Sampler Position: 2

Peak Area (A-s): 0.085
Peak Height (A): 0.110
Background Pk Area (A-s): 0.028
Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): 0.081

Peak Area (A-s): 0.091
Peak Height (A): 0.112
Background Pk Area (A-s): 0.020
Background Pk Height (A): 0.019
Blank Corrected Pk Area (A-s): 0.087

Mean Pk Area (A-s): 0.084 SD: 0.0044 RSD(%): 5.2

Standard number 1 applied. [20.0]

~~~~~~

Sample ID: Standard 2 Sequence No.: 00003 Sampler Position: 3

Peak Area (A-s): 0.160
Peak Height (A): 0.195
Background Pk Area (A-s): 0.029
Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): 0.156
Concentration (ug/L): 37.1

Peak Area (A-s): 0.167
Peak Height (A): 0.207
Background Pk Area (A-s): 0.030
Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.164
Concentration (ug/L): 38.8

Mean Conc (ug/L): 38.0 SD: 1.25 RSD(%): 3.3

Standard number 2 applied. [35.0]

~~~~~~

Sample ID: Standard 3 Sequence No.: 00004 Sampler Position: 4

Peak Area (A-s): 0.235
Background Pk Area (A-s): 0.041
Blank Corrected Pk Area (A-s): 0.231
Concentration (ug/L): 51.4

Peak Height (A): 0.288
Background Pk Height (A): 0.030

Peak Area (A-s): 0.246
Background Pk Area (A-s): 0.038
Blank Corrected Pk Area (A-s): 0.242
Concentration (ug/L): 53.9

Peak Height (A): 0.294
Background Pk Height (A): 0.029

Mean Conc (ug/L): 52.7 SD: 1.73 RSD(%): 3.3

Standard number 3 applied. [50.0]

~~~~~~

Sample ID: 5 Sequence No.: 00005 Sampler Position: 5

Peak Area (A-s): 0.004
Background Pk Area (A-s): 0.021
Blank Corrected Pk Area (A-s): 0.001
Concentration (ug/L): 0.2

Peak Height (A): 0.014
Background Pk Height (A): 0.023

Peak Area (A-s): 0.002
Background Pk Area (A-s): 0.025
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.4

Peak Height (A): 0.013
Background Pk Height (A): 0.022

Cont. Cal. Blk. (0)

Mean Conc (ug/L): -0.1 SD: 0.39 RSD(%): 370.6

~~~~~~

Sample ID: 6 Sequence No.: 00006 Sampler Position: 6

Peak Area (A-s): 0.202
Background Pk Area (A-s): 0.039
Blank Corrected Pk Area (A-s): 0.198
Concentration (ug/L): 42.7

Peak Height (A): 0.256
Background Pk Height (A): 0.029

Peak Area (A-s): 0.201
Background Pk Area (A-s): 0.041
Blank Corrected Pk Area (A-s): 0.197
Concentration (ug/L): 42.5

Peak Height (A): 0.255
Background Pk Height (A): 0.029

ICV-2 (41)

Mean Conc (ug/L): 42.6 43 SD: 0.11 RSD(%): 0.3

~~~~~~

Sample ID: 7 Sequence No.: 00007 Sampler Position: 7

Peak Area (A-s): 0.104
Background Pk Area (A-s): 0.053
Blank Corrected Pk Area (A-s): 0.100
Concentration (ug/L): 21.7

Peak Height (A): 0.123
Background Pk Height (A): 0.040

Peak Area (A-s): 0.098
Background Pk Area (A-s): 0.059
Blank Corrected Pk Area (A-s): 0.095
Concentration (ug/L): 20.4

Peak Height (A): 0.124
Background Pk Height (A): 0.049

21 → 42

279 ½

Mean Conc (ug/L): 21.0 SD: 0.90 RSD(%): 4.3
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Sample ID: 8 Sequence No.: 00008 Sampler Position: 8

Peak Area (A-s): 0.201 Peak Height (A): 0.262
Background Pk Area (A-s): 0.061 Background Pk Height (A): 0.058
Blank Corrected Pk Area (A-s): 0.197
Concentration (ug/L): 42.5

Peak Area (A-s): 0.199 Peak Height (A): 0.243
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.051
Blank Corrected Pk Area (A-s): 0.195
Concentration (ug/L): 42.1 107% 279+20

Mean Conc (ug/L): 42.3 SD: 0.29 RSD(%): 0.7

~~~~~~

Sample ID: 9 Sequence No.: 00009 Sampler Position: 9

Peak Area (A-s): 0.069 Peak Height (A): 0.088
Background Pk Area (A-s): 0.042 Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.065
Concentration (ug/L): 14.1 70

Peak Area (A-s): 0.066 Peak Height (A): 0.082
Background Pk Area (A-s): 0.049 Background Pk Height (A): 0.043
Blank Corrected Pk Area (A-s): 0.062
Concentration (ug/L): 13.4 14 280 1/5

Mean Conc (ug/L): 13.8 SD: 0.45 RSD(%): 3.3

~~~~~~

Sample ID: 10 Sequence No.: 00010 Sampler Position: 10

Peak Area (A-s): 0.157 Peak Height (A): 0.209
Background Pk Area (A-s): 0.053 Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.154
Concentration (ug/L): 33.1

Peak Area (A-s): 0.158 Peak Height (A): 0.203
Background Pk Area (A-s): 0.053 Background Pk Height (A): 0.048
Blank Corrected Pk Area (A-s): 0.155
Concentration (ug/L): 33.4 98% 280+20

Mean Conc (ug/L): 33.3 SD: 0.18 RSD(%): 0.6

~~~~~~

Sample ID: 11 Sequence No.: 00011 Sampler Position: 11

Peak Area (A-s): 0.124 Peak Height (A): 0.136
Background Pk Area (A-s): 0.066 Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): 0.120
Concentration (ug/L): 25.9

Peak Area (A-s): 0.124 Peak Height (A): 0.146
Background Pk Area (A-s): 0.068 Background Pk Height (A): 0.053
Blank Corrected Pk Area (A-s): 0.120
Concentration (ug/L): 25.9

52 — 281 1/2

Mean Conc (ug/L): 25.9 SD: 0.01 RSD(%): 0.0

~~~~~~

Sample ID: 12 Sequence No.: 00012 Sampler Position: 12

Peak Area (A-s): 0.226 Peak Height (A): 0.257
Background Pk Area (A-s): 0.069 Background Pk Height (A): 0.061
Blank Corrected Pk Area (A-s): 0.222
Concentration (ug/L): 47.9

Peak Area (A-s): 0.222 Peak Height (A): 0.259
Background Pk Area (A-s): 0.068 Background Pk Height (A): 0.056
Blank Corrected Pk Area (A-s): 0.219
Concentration (ug/L): 47.1

108% 281+20

Mean Conc (ug/L): 47.5 SD: 0.50 RSD(%): 1.1

~~~~~~

Sample ID: 13 Sequence No.: 00013 Sampler Position: 13

Peak Area (A-s): 0.028 Peak Height (A): 0.035
Background Pk Area (A-s): 0.053 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.024
Concentration (ug/L): 5.2

Peak Area (A-s): 0.027 Peak Height (A): 0.036
Background Pk Area (A-s): 0.056 Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.023
Concentration (ug/L): 5.0

5 282

Mean Conc (ug/L): 5.1 SD: 0.19 RSD(%): 3.8

~~~~~~

Sample ID: 14 Sequence No.: 00014 Sampler Position: 14

Peak Area (A-s): 0.121 Peak Height (A): 0.144
Background Pk Area (A-s): 0.061 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.118
Concentration (ug/L): 25.4

Peak Area (A-s): 0.125 Peak Height (A): 0.148
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.121
Concentration (ug/L): 26.1

104% 282+20

Mean Conc (ug/L): 25.8 SD: 0.54 RSD(%): 2.1

~~~~~~

Sample ID: 15 Sequence No.: 00015 Sampler Position: 15

Peak Area (A-s): 0.018 Peak Height (A): 0.030
Background Pk Area (A-s): 0.045 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.014
Concentration (ug/L): 3.1

Peak Area (A-s): 0.013 Peak Height (A): 0.029
Background Pk Area (A-s): 0.048 Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): 0.009
Concentration (ug/L): 2.0

3

283

Mean Conc (ug/L): 2.5 SD: 0.75 RSD(%): 29.4

~~~~~~

Sample ID: 16 Sequence No.: 00016 Sampler Position: 16

Peak Area (A-s): 0.116 Peak Height (A): 0.156
Background Pk Area (A-s): 0.054 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.113
Concentration (ug/L): 24.3

Peak Area (A-s): 0.115 Peak Height (A): 0.148
Background Pk Area (A-s): 0.056 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.111
Concentration (ug/L): 24.0 108% 283+20

Mean Conc (ug/L): 24.1 SD: 0.26 RSD(%): 1.1

~~~~~~

Sample ID: 17 Sequence No.: 00017 Sampler Position: 17

Peak Area (A-s): -0.004 Peak Height (A): 0.014
Background Pk Area (A-s): 0.039 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): -0.008
Concentration (ug/L): -1.7

Peak Area (A-s): 0.004 Peak Height (A): 0.013
Background Pk Area (A-s): -0.014 Background Pk Height (A): 0.009
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L): 0.1 Cont. Cal. Blk. (0)

Mean Conc (ug/L): -0.8 <2 SD: 1.23 RSD(%): 151.9

~~~~~~

Sample ID: 18 Sequence No.: 00018 Sampler Position: 18

Peak Area (A-s): 0.160 Peak Height (A): 0.179
Background Pk Area (A-s): 0.037 Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.157
Concentration (ug/L): 33.8

Peak Area (A-s): 0.174 Peak Height (A): 0.196
Background Pk Area (A-s): 0.027 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.171
Concentration (ug/L): 36.8 Cont. Cal. Std. (35)

Mean Conc (ug/L): 35.3 35 SD: 2.13 RSD(%): 6.0

~~~~~~

Sample ID: 19 Sequence No.: 00019 Sampler Position: 19

Peak Area (A-s): 0.041 Peak Height (A): 0.057
Background Pk Area (A-s): 0.059 Background Pk Height (A): 0.042
Blank Corrected Pk Area (A-s): 0.038
Concentration (ug/L): 8.2

Peak Area (A-s): 0.046 Peak Height (A): 0.061
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.043
Blank Corrected Pk Area (A-s): 0.043

Concentration (ug/L): 9.2 9 284

Mean Conc (ug/L): 8.7 SD: 0.73 RSD(%): 8.4

~~~~~~

Sample ID: 20 Sequence No.: 00020 Sampler Position: 20

Peak Area (A-s): 0.147 Peak Height (A): 0.167
Background Pk Area (A-s): 0.065 Background Pk Height (A): 0.046
Blank Corrected Pk Area (A-s): 0.144
Concentration (ug/L): 31.0

Peak Area (A-s): 0.140 Peak Height (A): 0.159
Background Pk Area (A-s): 0.067 Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.136
Concentration (ug/L): 29.4 108% 284+20

Mean Conc (ug/L): 30.2 SD: 1.14 RSD(%): 3.8

~~~~~~

Sample ID: 7 Sequence No.: 00021 Sampler Position: 7

Peak Area (A-s): 0.032 Peak Height (A): 0.042
Background Pk Area (A-s): 0.037 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.029
Concentration (ug/L): 6.2

Peak Area (A-s): 0.032 Peak Height (A): 0.044
Background Pk Area (A-s): 0.037 Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): 0.028
Concentration (ug/L): 6.1 6 285

Mean Conc (ug/L): 6.1 SD: 0.06 RSD(%): 0.9

~~~~~~

Sample ID: 8 Sequence No.: 00022 Sampler Position: 8

Peak Area (A-s): 0.128 Peak Height (A): 0.171
Background Pk Area (A-s): 0.052 Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.125
Concentration (ug/L): 26.8

Peak Area (A-s): 0.131 Peak Height (A): 0.150
Background Pk Area (A-s): 0.051 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.127
Concentration (ug/L): 27.4 105% 285+20

Mean Conc (ug/L): 27.1 SD: 0.39 RSD(%): 1.4

~~~~~~

Sample ID: 9 Sequence No.: 00023 Sampler Position: 9

Peak Area (A-s): 0.144 Peak Height (A): 0.165
Background Pk Area (A-s): 0.063 Background Pk Height (A): 0.057
Blank Corrected Pk Area (A-s): 0.141
Concentration (ug/L): 30.3

Peak Area (A-s): 0.135 Peak Height (A): 0.174
Background Pk Area (A-s): 0.073 Background Pk Height (A): 0.061

Blank Corrected Pk Area (A-s): 0.132
Concentration (ug/L): 28.4

29

286

Mean Conc (ug/L): 29.3 SD: 1.39 RSD(%): 4.7

~~~~~~

Sample ID: 10 Sequence No.: 00024 Sampler Position: 10

Peak Area (A-s): 0.225 Peak Height (A): 0.279
Background Pk Area (A-s): 0.081 Background Pk Height (A): 0.065
Blank Corrected Pk Area (A-s): 0.222
Concentration (ug/L): 47.8

Peak Area (A-s): 0.235 Peak Height (A): 0.272
Background Pk Area (A-s): 0.077 Background Pk Height (A): 0.067
Blank Corrected Pk Area (A-s): 0.232
Concentration (ug/L): 50.0

98%

286+20

Mean Conc (ug/L): 48.9 SD: 1.52 RSD(%): 3.1

~~~~~~

Sample ID: 11 Sequence No.: 00025 Sampler Position: 11

Peak Area (A-s): 0.046 Peak Height (A): 0.065
Background Pk Area (A-s): 0.054 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.043
Concentration (ug/L): 9.2

Peak Area (A-s): 0.050 Peak Height (A): 0.069
Background Pk Area (A-s): 0.054 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.046
Concentration (ug/L): 10.0

10

287

Mean Conc (ug/L): 9.6 SD: 0.57 RSD(%): 5.9

~~~~~~

Sample ID: 12 Sequence No.: 00026 Sampler Position: 12

Peak Area (A-s): 0.154 Peak Height (A): 0.183
Background Pk Area (A-s): 0.057 Background Pk Height (A): 0.044
Blank Corrected Pk Area (A-s): 0.150
Concentration (ug/L): 32.4

Peak Area (A-s): 0.149 Peak Height (A): 0.181
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.043
Blank Corrected Pk Area (A-s): 0.146
Concentration (ug/L): 31.4

112%

287+20

Mean Conc (ug/L): 31.9 SD: 0.71 RSD(%): 2.2

~~~~~~

Sample ID: 13 Sequence No.: 00027 Sampler Position: 13

Peak Area (A-s): 0.057 Peak Height (A): 0.078
Background Pk Area (A-s): 0.052 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.054
Concentration (ug/L): 11.6

Peak Area (A-s): 0.068 Peak Height (A): 0.081

Background Pk Area (A-s): 0.052 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.064
Concentration (ug/L): 13.9

13 288

Mean Conc (ug/L): 12.7 SD: 1.65 RSD(%): 12.9

~~~~~~

Sample ID: 14 Sequence No.: 00028 Sampler Position: 14

Peak Area (A-s): 0.162 Peak Height (A): 0.198
Background Pk Area (A-s): 0.051 Background Pk Height (A): 0.049
Blank Corrected Pk Area (A-s): 0.159
Concentration (ug/L): 34.2

Peak Area (A-s): 0.147 Peak Height (A): 0.200
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.053
Blank Corrected Pk Area (A-s): 0.143
Concentration (ug/L): 30.9

99% 288+20

Mean Conc (ug/L): 32.5 SD: 2.34 RSD(%): 7.2

~~~~~~

Sample ID: 15 Sequence No.: 00029 Sampler Position: 15

Peak Area (A-s): 0.001 Peak Height (A): 0.016
Background Pk Area (A-s): 0.030 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): -0.003
Concentration (ug/L): -0.6

Peak Area (A-s): -0.002 Peak Height (A): 0.011
Background Pk Area (A-s): 0.030 Background Pk Height (A): 0.022
Blank Corrected Pk Area (A-s): -0.006
Concentration (ug/L): -1.3

<2 Cont. Cal. Blk. (0)

Mean Conc (ug/L): -1.0 SD: 0.48 RSD(%): 49.5

~~~~~~

Sample ID: 16 Sequence No.: 00030 Sampler Position: 16

Peak Area (A-s): 0.166 Peak Height (A): 0.197
Background Pk Area (A-s): 0.036 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.163
Concentration (ug/L): 35.1

Peak Area (A-s): 0.167 Peak Height (A): 0.199
Background Pk Area (A-s): 0.034 Background Pk Height (A): 0.024
Blank Corrected Pk Area (A-s): 0.163
Concentration (ug/L): 35.1

35 Cont. Cal. Std. (35)

Mean Conc (ug/L): 35.1 SD: 0.01 RSD(%): 0.0

~~~~~~

Sample ID: 17 Sequence No.: 00031 Sampler Position: 17

Peak Area (A-s): 0.015 Peak Height (A): 0.024
Background Pk Area (A-s): 0.048 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.011
Concentration (ug/L): 2.4

Peak Area (A-s): 0.016 Peak Height (A): 0.030
Background Pk Area (A-s): 0.046 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.013
Concentration (ug/L): 2.8

3 ~~280~~ 296

Mean Conc (ug/L): 2.6 SD: 0.29 RSD(%): 11.5

~~~~~~

Sample ID: 18 Sequence No.: 00032 Sampler Position: 18

Peak Area (A-s): 0.117 Peak Height (A): 0.143
Background Pk Area (A-s): 0.052 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.114
Concentration (ug/L): 24.6

Peak Area (A-s): 0.121 Peak Height (A): 0.148
Background Pk Area (A-s): 0.049 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.117
Concentration (ug/L): 25.3

112% 296+20

Mean Conc (ug/L): 24.9 SD: 0.52 RSD(%): 2.1

~~~~~~

Sample ID: 19 Sequence No.: 00033 Sampler Position: 19

Peak Area (A-s): 0.017 Peak Height (A): 0.034
Background Pk Area (A-s): 0.040 Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.014
Concentration (ug/L): 3.0

Peak Area (A-s): 0.021 Peak Height (A): 0.026
Background Pk Area (A-s): 0.039 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.017
Concentration (ug/L): 3.7

3 297

Mean Conc (ug/L): 3.3 SD: 0.53 RSD(%): 15.9

~~~~~~

Sample ID: 20 Sequence No.: 00034 Sampler Position: 20

Peak Area (A-s): 0.118 Peak Height (A): 0.158
Background Pk Area (A-s): 0.051 Background Pk Height (A): 0.035
Blank Corrected Pk Area (A-s): 0.115
Concentration (ug/L): 24.7

Peak Area (A-s): 0.115 Peak Height (A): 0.161
Background Pk Area (A-s): 0.051 Background Pk Height (A): 0.038
Blank Corrected Pk Area (A-s): 0.111
Concentration (ug/L): 24.0

105% 297+20

Mean Conc (ug/L): 24.3 SD: 0.53 RSD(%): 2.2

~~~~~~

Sample ID: 21 Sequence No.: 00035 Sampler Position: 21

Peak Area (A-s): 0.040 Peak Height (A): 0.064
Background Pk Area (A-s): 0.054 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.036
Concentration (ug/L): 7.8

Peak Area (A-s): 0.039 Peak Height (A): 0.062
Background Pk Area (A-s): 0.057 Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.036
Concentration (ug/L): 7.7 8 298A

Mean Conc (ug/L): 7.7 SD: 0.10 RSD(%): 1.2

~~~~~~

Sample ID: 22 Sequence No.: 00036 Sampler Position: 22

Peak Area (A-s): 0.138 Peak Height (A): 0.189
Background Pk Area (A-s): 0.057 Background Pk Height (A): 0.045
Blank Corrected Pk Area (A-s): 0.135
Concentration (ug/L): 29.1

Peak Area (A-s): 0.132 Peak Height (A): 0.185
Background Pk Area (A-s): 0.061 Background Pk Height (A): 0.050
Blank Corrected Pk Area (A-s): 0.128
Concentration (ug/L): 27.6 103% 298A+20

Mean Conc (ug/L): 28.3 SD: 1.01 RSD(%): 3.6

~~~~~~

Sample ID: 23 Sequence No.: 00037 Sampler Position: 23

Peak Area (A-s): 0.050 Peak Height (A): 0.066
Background Pk Area (A-s): 0.047 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.046
Concentration (ug/L): 10.0

Peak Area (A-s): 0.042 Peak Height (A): 0.056
Background Pk Area (A-s): 0.054 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.038
Concentration (ug/L): 8.2 9 298B

Mean Conc (ug/L): 9.1 SD: 1.22 RSD(%): 13.4

~~~~~~

Sample ID: 24 Sequence No.: 00038 Sampler Position: 24

Peak Area (A-s): 0.141 Peak Height (A): 0.195
Background Pk Area (A-s): 0.062 Background Pk Height (A): 0.047
Blank Corrected Pk Area (A-s): 0.137
Concentration (ug/L): 29.6

Peak Area (A-s): 0.156 Peak Height (A): 0.183
Background Pk Area (A-s): 0.053 Background Pk Height (A): 0.042
Blank Corrected Pk Area (A-s): 0.152
Concentration (ug/L): 32.8 111% 298B+20

Mean Conc (ug/L): 31.2 SD: 2.25 RSD(%): 7.2

~~~~~~

Sample ID: 25 Sequence No.: 00039 Sampler Position: 25

Peak Area (A-s): 0.024 Peak Height (A): 0.038
Background Pk Area (A-s): 0.047 Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): 0.020

Concentration (ug/L): 4.3

Peak Area (A-s): 0.025 Peak Height (A): 0.027
Background Pk Area (A-s): 0.042 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): 0.021
Concentration (ug/L): 4.6 5 299

Mean Conc (ug/L): 4.5 SD: 0.18 RSD(%): 4.1

~~~~~~

Sample ID: 26 Sequence No.: 00040 Sampler Position: 26

Peak Area (A-s): 0.123 Peak Height (A): 0.155
Background Pk Area (A-s): 0.051 Background Pk Height (A): 0.041
Blank Corrected Pk Area (A-s): 0.119
Concentration (ug/L): 25.6

Peak Area (A-s): 0.122 Peak Height (A): 0.159
Background Pk Area (A-s): 0.052 Background Pk Height (A): 0.039
Blank Corrected Pk Area (A-s): 0.119
Concentration (ug/L): 25.6 106% 299+20

Mean Conc (ug/L): 25.6 SD: 0.06 RSD(%): 0.2

~~~~~~

Sample ID: 27 Sequence No.: 00041 Sampler Position: 27

Peak Area (A-s): -0.001 Peak Height (A): 0.013
Background Pk Area (A-s): 0.036 Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): -0.005
Concentration (ug/L): -1.1

Peak Area (A-s): 0.008 Peak Height (A): 0.022
Background Pk Area (A-s): 0.026 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.005
Concentration (ug/L): 1.0 <2 Cont. Cal. Blk (0)

Mean Conc (ug/L): -0.1 SD: 1.45 RSD(%): 569.9

~~~~~~

Sample ID: 28 Sequence No.: 00042 Sampler Position: 28

Peak Area (A-s): 0.175 Peak Height (A): 0.191
Background Pk Area (A-s): 0.036 Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.172
Concentration (ug/L): 37.1

Peak Area (A-s): 0.174 Peak Height (A): 0.207
Background Pk Area (A-s): 0.034 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.170
Concentration (ug/L): 36.7 37 Cont. Cal. Std. (35)

Mean Conc (ug/L): 36.9 SD: 0.22 RSD(%): 0.6

~~~~~~

Sample ID: 29 Sequence No.: 00043 Sampler Position: 29

Peak Area (A-s): 0.016 Peak Height (A): 0.028
Background Pk Area (A-s): 0.042 Background Pk Height (A): 0.030

Blank Corrected Pk Area (A-s): 0.013
Concentration (ug/L): 2.7

Peak Area (A-s): 0.014 Peak Height (A): 0.028
Background Pk Area (A-s): 0.047 Background Pk Height (A): 0.031
Blank Corrected Pk Area (A-s): 0.010
Concentration (ug/L): 2.2 3 300

Mean Conc (ug/L): 2.5 SD: 0.35 RSD(%): 14.2

~~~~~~

Sample ID: 30 Sequence No.: 00044 Sampler Position: 30

Peak Area (A-s): 0.120 Peak Height (A): 0.151
Background Pk Area (A-s): 0.050 Background Pk Height (A): 0.037
Blank Corrected Pk Area (A-s): 0.117
Concentration (ug/L): 25.1

Peak Area (A-s): 0.125 Peak Height (A): 0.151
Background Pk Area (A-s): 0.049 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.122
Concentration (ug/L): 26.2 115% 300+20

Mean Conc (ug/L): 25.7 SD: 0.77 RSD(%): 3.0

~~~~~~

Sample ID: 31 Sequence No.: 00045 Sampler Position: 31

Peak Area (A-s): 0.010 Peak Height (A): 0.020
Background Pk Area (A-s): 0.044 Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.3

Peak Area (A-s): 0.013 Peak Height (A): 0.022
Background Pk Area (A-s): 0.038 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.010
Concentration (ug/L): 2.1 <2 301

Mean Conc (ug/L): 1.7 SD: 0.55 RSD(%): 32.2

~~~~~~

Sample ID: 32 Sequence No.: 00046 Sampler Position: 32

Peak Area (A-s): 0.111 Peak Height (A): 0.154
Background Pk Area (A-s): 0.049 Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.108
Concentration (ug/L): 23.3

Peak Area (A-s): 0.108 Peak Height (A): 0.160
Background Pk Area (A-s): 0.051 Background Pk Height (A): 0.036
Blank Corrected Pk Area (A-s): 0.105
Concentration (ug/L): 22.6 106% 301+20

Mean Conc (ug/L): 22.9 SD: 0.49 RSD(%): 2.2

~~~~~~

Sample ID: 33 Sequence No.: 00047 Sampler Position: 33

Peak Area (A-s): 0.010 Peak Height (A): 0.026

Background Pk Area (A-s): 0.046 Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): 0.006
Concentration (ug/L): 1.3

Peak Area (A-s): 0.011 Peak Height (A): 0.024
Background Pk Area (A-s): 0.041 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.008
Concentration (ug/L): 1.7 <2 302

Mean Conc (ug/L): 1.5 SD: 0.26 RSD(%): 17.4

~~~~~~

Sample ID: 34 Sequence No.: 00048 Sampler Position: 34

Peak Area (A-s): 0.113 Peak Height (A): 0.151
Background Pk Area (A-s): 0.048 Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.110
Concentration (ug/L): 23.7

Peak Area (A-s): 0.104 Peak Height (A): 0.153
Background Pk Area (A-s): 0.050 Background Pk Height (A): 0.032
Blank Corrected Pk Area (A-s): 0.100
Concentration (ug/L): 21.6 106% 302+20

Mean Conc (ug/L): 22.7 SD: 1.46 RSD(%): 6.4

~~~~~~

Sample ID: 35 Sequence No.: 00049 Sampler Position: 35

Peak Area (A-s): 0.000 Peak Height (A): 0.014
Background Pk Area (A-s): 0.041 Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): -0.004
Concentration (ug/L): -0.8

Peak Area (A-s): -0.002 Peak Height (A): 0.015
Background Pk Area (A-s): 0.039 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): -0.006
Concentration (ug/L): -1.2 <2 303

Mean Conc (ug/L): -1.0 SD: 0.33 RSD(%): 33.3

~~~~~~

Sample ID: 36 Sequence No.: 00050 Sampler Position: 36

Peak Area (A-s): 0.103 Peak Height (A): 0.139
Background Pk Area (A-s): 0.041 Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.100
Concentration (ug/L): 21.5

Peak Area (A-s): 0.094 Peak Height (A): 0.142
Background Pk Area (A-s): 0.049 Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.091
Concentration (ug/L): 19.6 103% 303+20

Mean Conc (ug/L): 20.6 SD: 1.37 RSD(%): 6.7

~~~~~~

Sample ID: 37 Sequence No.: 00051 Sampler Position: 37

Peak Area (A-s): 0.004 | Peak Height (A): 0.017
Background Pk Area (A-s): 0.033 | Background Pk Height (A): 0.025
Blank Corrected Pk Area (A-s): 0.000
Concentration (ug/L): 0.0

Peak Area (A-s): 0.008 | Peak Height (A): 0.014
Background Pk Area (A-s): 0.032 | Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.004
Concentration (ug/L): 0.9 <2 304

Mean Conc (ug/L): 0.4 SD: 0.61 RSD(%): 136.0

~~~~~~

Sample ID: 38 Sequence No.: 00052 Sampler Position: 38

Peak Area (A-s): 0.091 | Peak Height (A): 0.139
Background Pk Area (A-s): 0.048 | Background Pk Height (A): 0.029
Blank Corrected Pk Area (A-s): 0.087
Concentration (ug/L): 18.8

Peak Area (A-s): 0.094 | Peak Height (A): 0.137
Background Pk Area (A-s): 0.051 | Background Pk Height (A): 0.033
Blank Corrected Pk Area (A-s): 0.090
Concentration (ug/L): 19.5 96% 304+20

Mean Conc (ug/L): 19.2 SD: 0.48 RSD(%): 2.5

~~~~~~

Sample ID: 39 Sequence No.: 00053 Sampler Position: 39

Peak Area (A-s): 0.002 | Peak Height (A): 0.015
Background Pk Area (A-s): -0.017 | Background Pk Height (A): 0.010
Blank Corrected Pk Area (A-s): -0.001
Concentration (ug/L): -0.3

Peak Area (A-s): 0.001 | Peak Height (A): 0.014
Background Pk Area (A-s): -0.019 | Background Pk Height (A): 0.010
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.5 Cont. Cal. Blk. (0)

Mean Conc (ug/L): -0.4 <2 SD: 0.13 RSD(%): 36.9

~~~~~~

Sample ID: 40 Sequence No.: 00054 Sampler Position: 40

Peak Area (A-s): 0.171 | Peak Height (A): 0.184
Background Pk Area (A-s): 0.037 | Background Pk Height (A): 0.023
Blank Corrected Pk Area (A-s): 0.167
Concentration (ug/L): 36.1

Peak Area (A-s): 0.167 | Peak Height (A): 0.197
Background Pk Area (A-s): 0.037 | Background Pk Height (A): 0.026
Blank Corrected Pk Area (A-s): 0.163
Concentration (ug/L): 35.2 36 Cont. Cal. Std. (35)

Mean Conc (ug/L): 35.7 SD: 0.58 RSD(%): 1.6

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ANALYTICAL WORKSHEET

Weyerhaeuser Company
Analytical Laboratories
Tacoma, Washington

Atomic Absorption

MATERIAL	SERVICE REQUEST NUMBER
Net #1	16122

ANALYSIS FOR	MATRIX
Pb	0.31 m HNO_3, 0.67 m HCl

DATA

1. Sample Number	BLK	1.0 ppm	→			→
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)						
8a.Obs. Conc( )						
b.Obs. Conc( )	0.0	1.0	1.0	1.0	1.0	1.0
c.Obs. Conc( )						
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

1. Sample Number	1.0 ppm	→				
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)				avg 1.0		
8a.Obs. Conc( )				std dev 0.049		
b.Obs. Conc( )	0.9	0.9				
c.Obs. Conc( )						
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

Sensitivity 3.0 (mg/L)	0.033	Calculations:
Integregation Time (sec)	2	Comments:

ANALYST	DATE	NB NUMBER
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[illegible]	11-3-87	211

ANALYTICAL WORKSHEET

Weyerhaeuser Company
Analytical Laboratories
Tacoma, Washington

Atomic Absorption

MATERIAL	SERVICE REQUEST NUMBER
Set #2	16122

ANALYSIS FOR	MATRIX
Pb	0.31 M HNO_3, 0.67 M HCL

DATA

1. Sample Number	BLK	1.0 ppm →				
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)						
8a.Obs. Conc( )						
b.Obs. Conc( )	0.0	0.9	0.9	0.9	1.0	0.9
c.Obs. Conc( )						
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

1. Sample Number	1.0 ppm →					
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)				avg = 0.978		
8a.Obs. Conc( )				std dev = 0.049		
b.Obs. Conc( )	0.9	1.0				
c.Obs. Conc( )						
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

Sensitivity 3.0 (mg/L)	0.030	Calculations:
Integregation Time (sec)	2	Comments:

ANALYST	DATE	NB NUMBER
JB	10/21/87	
WITNESS	**DATE**	**PAGE NUMBER**
[illegible]	11-3-87	212

ANALYTICAL WORKSHEET

Weyerhaeuser Company
Analytical Laboratories
Tacoma, Washington

Atomic Absorption

MATERIAL	SERVICE REQUEST NUMBER
Act #3	16122

ANALYSIS FOR	MATRIX
Pb	0.31 M HNO_3, 0.67 M HCL

DATA

1. Sample Number	BLK	1.0 ppm	→	→	→	→
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)						
8a.Obs. Conc( )						
b.Obs. Conc( )	0.0	~~0~~ 1.0	1.0	1.0	1.0	1.1
c.Obs. Conc( )						
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

1. Sample Number	1.0 ppm	→				
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)				avg = 1.0		
8a.Obs. Conc( )				std dev = 0.058		
b.Obs. Conc( )	0.9	1.0				
c.Obs. Conc( )						
9. Ave Sam Conc( )			Inst.	Det.	Limit	= 0.16
10. Blank( )						= 0.2
11. Net=L.9-L.10( )						mg/L
12. Sample Conc.( )			Spike	Level	= 1000	ppb Pb

for all subsequent MCS's.

Sensitivity 3.0 (mg/L)	0.026	Calculations:
Integregation Time (sec)	2	Comments:

ANALYST	DATE	NB NUMBER
JB	10/23/87	
WITNESS	**DATE**	**PAGE NUMBER**
JC	11-3-87	213

ANALYTICAL WORKSHEET

Weyerhaeuser Company
Analytical Laboratories
Tacoma, Washington

Atomic Absorption

MATERIAL	SERVICE REQUEST NUMBER
quartz	16122

ANALYSIS FOR	MATRIX
Pb	0.31 m HNO_3, 0.67 m HCl

DATA

1. Sample Number	CAL BLK	Ver std ICV-1	RGT BLK	FILTER BLK-1	MCS-1	0 ppm
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)						
8a.Obs. Conc( )	0.0	4.4	0.0	0.0	1.1	0.0
b.Obs. Conc( )	0.0	4.4	0.0	0.0	1.0	0.0
c.Obs. Conc( )						
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

1. Sample Number	3 ppm					
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)						
8a.Obs. Conc( )	3.0					
b.Obs. Conc( )	2.9					
c.Obs. Conc( )						
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

Sensitivity 3.0(mg/L)	0.033	Calculations:
Integregation Time (sec)	2	Comments:

ANALYST	DATE	NB NUMBER
TD	10/19/87	
WITNESS	**DATE**	**PAGE NUMBER**
YC	11-3-87	214

ANALYTICAL WORKSHEET

Weyerhaeuser Company
Analytical Laboratories
Tacoma, Washington

Atomic Absorption

MATERIAL	SERVICE REQUEST NUMBER
quartz	16122

ANALYSIS FOR	MATRIX
Pb	0.31 m HNO_3, 0.67 m HCl

DATA

1. Sample Number	CAL BLK	VER STD ICV-1	RGT BLK	FILTER BLK-5	MCS-2	0 ppm
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)						
8a.Obs. Conc( )	0.0	4.4	0.0	0.0	0.9	0.0
b.Obs. Conc( )	0.0	4.4	0.0	0.0	0.9	0.0
c.Obs. Conc( )						
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

1. Sample Number	3 ppm					
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)						
8a.Obs. Conc( )	2.9					
b.Obs. Conc( )	3.0					
c.Obs. Conc( )						
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

Sensitivity 3.0 (mg/L)	0.030	Calculations:
Integregation Time (sec)	2	Comments:

ANALYST	DATE	NB NUMBER
TB	10/21/87	
WITNESS	**DATE**	**PAGE NUMBER**
TC	11-3-87	215

ANALYTICAL WORKSHEET

Weyerhaeuser Company
Analytical Laboratories
Tacoma, Washington

Atomic Absorption

MATERIAL	SERVICE REQUEST NUMBER
quartz	16122

ANALYSIS FOR	MATRIX
Pb	0.31 m HNO_3, 0.67 m HCL

DATA

1. Sample Number	CAL BLK	Verified ICV-1	RGT BLK	FILTER BLK-3	MCS-3	0 ppm
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)						
8a.Obs. Conc( )	0.0	4.4	0.0	0.0	1.0	0.0
b.Obs. Conc( )	0.0	4.4	0.0	0.0	1.0	0.0
c.Obs. Conc( )						
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

1. Sample Number	3 ppm					
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)						
8a.Obs. Conc( )	3.0					
b.Obs. Conc( )	3.0					
c.Obs. Conc( )						
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

Sensitivity 3.0(mg/L)	0.026	Calculations:
Integregation Time (sec)	2	Comments:

ANALYST	DATE	NB NUMBER
TB	10/23/87	
WITNESS	**DATE**	**PAGE NUMBER**
JC	11-3-87	216

ANALYTICAL WORKSHEET

Weyerhaeuser Company
Analytical Laboratories
Tacoma, Washington

Atomic Absorption

MATERIAL	SERVICE REQUEST NUMBER
fiberglass	16122

ANALYSIS FOR	MATRIX
Pb	0.31 m HNO_3, 0.67 m HCL

DATA

1. Sample Number	CAL BLK	WQS ATM LCV-1	RGT BLK	FILTER BLK-1	MCS-1	0 ppm
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)						
8a.Obs. Conc( )						
b.Obs. Conc( )	0.0	4.5	0.0	0.0	1.0	0.0
c.Obs. Conc( )	0.0	4.4	-0.1	0.0	0.9	0.0
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

1. Sample Number	3 ppm					
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)						
8a.Obs. Conc( )	3.0					
b.Obs. Conc( )	2.9					
c.Obs. Conc( )						
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

Sensitivity 3.0 (mg/L)	0.033	Calculations:
Integregation Time (sec)	2	Comments:

ANALYST	DATE	NB NUMBER
TB	10/19/87	
WITNESS	**DATE**	**PAGE NUMBER**
JC	11-3-87	217

ANALYTICAL WORKSHEET

Weyerhaeuser Company
Analytical Laboratories
Tacoma, Washington

Atomic Absorption

MATERIAL	SERVICE REQUEST NUMBER
fiberglass	16122

ANALYSIS FOR	MATRIX
Pb	0.31 m HNO_3, 0.67 m HCL

DATA

1. Sample Number	CAL BLK	VERIFIED ICV-1	REGT BLK	FILTER BLK-2	MCS-2	0 ppm
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)						
8a.Obs. Conc( )	0.1	4.4	0.0	0.0	1.0	0.0
b.Obs. Conc( )	0.0	4.4	0.0	0.0	1.0	-0.1
c.Obs. Conc( )						
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

1. Sample Number	3 ppm					
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)						
8a.Obs. Conc( )	29					
b.Obs. Conc( )	3.0					
c.Obs. Conc( )						
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

Sensitivity 30 (mg/L)	0.030	Calculations:
Integregation Time (sec)	2	Comments:

ANALYST	DATE	NB NUMBER
JB	10/21/87	
WITNESS	**DATE**	**PAGE NUMBER**
YC	11-3-87	218

ANALYTICAL WORKSHEET

Weyerhaeuser Company
Analytical Laboratories
Tacoma, Washington

Atomic Absorption

MATERIAL	SERVICE REQUEST NUMBER
fiberglass	16122

ANALYSIS FOR	MATRIX
Pb	0.31 m HNO3, 0.67 m HCl

DATA

1. Sample Number	CAL BLK	ICV-1	RGT BLK	FILTER BLK-3	MCS-3	0 ppm
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)						
8a.Obs. Conc( )	0.0	4.4	0.1	0.0	1.0	0.0
b.Obs. Conc( )	0.0	4.4	0.0	0.0	1.0	0.0
c.Obs. Conc( )						
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

1. Sample Number	3 ppm					
2. Flask Number						
3. Sample Aliq( )						
4. % OD						
5. Initial Dilution(mL)						
6. Second Aliquot (mL)						
7. Second Dilution (mL)						
8a.Obs. Conc( )	3.0					
b.Obs. Conc( )	3.0					
c.Obs. Conc( )						
9. Ave Sam Conc( )						
10. Blank( )						
11. Net=L.9-L.10( )						
12. Sample Conc.( )						

Sensitivity 3.0 (mg/L)	0.026	Calculations:
Integregation Time (sec)	2	Comments:

ANALYST	DATE	NB NUMBER
TB	10/23/87	
WITNESS	**DATE**	**PAGE NUMBER**
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(Pb) SR16122 11-4-87

Element File: PB_CLP
Element: Pb
Date: 11/04/87
Time: 9:10
Data Storage File: Pb_data
ID/Weight File:
Technique: HGA
Calibration Type: Linear

~~~~~~

Sample ID: Blank Sequence No.: 00001 Sampler Position: 1

Peak Area (A-s): 0.008
Peak Height (A): 0.017
Background Pk Area (A-s): -0.010
Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.008

Peak Area (A-s): 0.004
Peak Height (A): 0.013
Background Pk Area (A-s): -0.005
Background Pk Height (A): 0.030
Blank Corrected Pk Area (A-s): 0.004

Mean Pk Area (A-s): 0.006 SD: 0.0027 RSD(%): 44.8

Auto-zero performed.

~~~~~~

Sample ID: Standard 1 Sequence No.: 00002 Sampler Position: 2

Peak Area (A-s): 0.099
Peak Height (A): 0.148
Background Pk Area (A-s): 0.016
Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.093

Peak Area (A-s): 0.105
Peak Height (A): 0.157
Background Pk Area (A-s): 0.010
Background Pk Height (A): 0.034
Blank Corrected Pk Area (A-s): 0.099

Mean Pk Area (A-s): 0.096 SD: 0.0043 RSD(%): 4.5

Standard number 1 applied. [20.0]

~~~~~~

Sample ID: Standard 2 Sequence No.: 00003 Sampler Position: 3

Peak Area (A-s): 0.174
Peak Height (A): 0.250
Background Pk Area (A-s): 0.026
Background Pk Height (A): 0.050
Blank Corrected Pk Area (A-s): 0.169
Concentration (ug/L): 35.2

Peak Area (A-s): 0.170
Peak Height (A): 0.245
Background Pk Area (A-s): 0.024
Background Pk Height (A): 0.055
Blank Corrected Pk Area (A-s): 0.164
Concentration (ug/L): 34.2

Mean Conc (ug/L): 34.7 SD: 0.71 RSD(%): 2.0
~~~~~~

Standard number 2 applied. [35.0]

~~~~~~

Sample ID: Standard 3 Sequence No.: 00004 Sampler Position: 4

Peak Area (A-s): 0.234 Peak Height (A): 0.314
Background Pk Area (A-s): 0.043 Background Pk Height (A): 0.068
Blank Corrected Pk Area (A-s): 0.228
Concentration (ug/L): 47.9

Peak Area (A-s): 0.235 Peak Height (A): 0.328
Background Pk Area (A-s): 0.038 Background Pk Height (A): 0.070
Blank Corrected Pk Area (A-s): 0.229
Concentration (ug/L): 48.2

Mean Conc (ug/L): 48.1 SD: 0.18 RSD(%): 0.4

Standard number 3 applied. [50.0]

~~~~~~

Sample ID: 5 Sequence No.: 00005 Sampler Position: 5

Peak Area (A-s): 0.004 Peak Height (A): 0.014
Background Pk Area (A-s): -0.007 Background Pk Height (A): 0.021
Blank Corrected Pk Area (A-s): -0.002
Concentration (ug/L): -0.4

Peak Area (A-s): 0.003 Peak Height (A): 0.010
Background Pk Area (A-s): -0.005 Background Pk Height (A): 0.028
Blank Corrected Pk Area (A-s): -0.003
Concentration (ug/L): -0.6 <3 Cont. Cal. Blk. (0)

Mean Conc (ug/L): -0.5 SD: 0.13 RSD(%): 26.5

~~~~~~

Sample ID: 6 Sequence No.: 00006 Sampler Position: 6

Peak Area (A-s): 0.230 Peak Height (A): 0.375
Background Pk Area (A-s): 0.043 Background Pk Height (A): 0.082
Blank Corrected Pk Area (A-s): 0.224
Concentration (ug/L): 48.3

Peak Area (A-s): 0.233 Peak Height (A): 0.356
Background Pk Area (A-s): 0.045 Background Pk Height (A): 0.076
Blank Corrected Pk Area (A-s): 0.227
Concentration (ug/L): 49.0 49 ICV4 (46)

Mean Conc (ug/L): 48.6 SD: 0.45 RSD(%): 0.9

~~~~~~

Sample ID: 7 Sequence No.: 00007 Sampler Position: 7

Peak Area (A-s): 0.055 Peak Height (A): 0.104
Background Pk Area (A-s): 0.011 Background Pk Height (A): 0.027
Blank Corrected Pk Area (A-s): 0.049
Concentration (ug/L): 10.6

Peak Area (A-s): 0.053 Peak Height (A): 0.105